

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/FR2004/002779

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H01L21/762

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, INSPEC, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00/63965 A (SILICON GENESIS CORPORATION; KANG, SIEN, G; MALIK, IGOR, J) 26 October 2000 (2000-10-26)	1-19, 24-33
Y	the whole document	20-23
X	US 2003/077885 A1 (ASPAR BERNARD ET AL) 24 April 2003 (2003-04-24)	1-8, 16-19, 24-33
A	page 4, paragraph 46 - page 4, paragraph 55	20-23
A	page 6, paragraph 81 - page 6, paragraph 83	9-15
	----- -/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"I" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"A" document member of the same patent family

Date of the actual completion of the international search

23 March 2005

Date of mailing of the international search report

05/04/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5618 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax (+31-70) 340-3016

Authorized officer

Hedouin, M

## INTERNATIONAL SEARCH REPORT

International Application No.

PCT/FR2004/002779

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	AGARWAL A ET AL: "EFFICIENT PRODUCTION OF SILICON-ON-INSULATOR FILMS BY CO-IMPLANTATION OF HE+ WITH H+" APPLIED PHYSICS LETTERS, AMERICAN INSTITUTE OF PHYSICS. NEW YORK, US, vol. 72, no. 9, 2 March 1998 (1998-03-02), pages 1086-1088, XP000742819 ISSN: 0003-6951 the whole document	20-23
A	US 2002/025604 A1 (TIWARI SANDIP) 28 February 2002 (2002-02-28) page 1, paragraph 12 - page 2, paragraph 15; figures 1-6	1-12, 15, 17, 20-24
A	US 6 593 212 B1 (HOBART KARL D ET AL) 15 July 2003 (2003-07-15) column 4, line 65 - column 5, line 44; figures 1a-1c, 10-11b	1-24
A	EP 0 994 503 A (COMMISSARIAT ENERGIE ATOMIQUE) 19 April 2000 (2000-04-19) column 9, paragraph 42 - column 9, paragraph 43	1-5

Best Available Copy

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No.

PCT/FR2004/002779

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0063965	A	26-10-2000	US 6171965 B1	09-01-2001
			US 6204151 B1	20-03-2001
			US 6391219 B1	21-05-2002
			AU 4481100 A	02-11-2000
			WO 0063965 A1	26-10-2000
			US 2003008477 A1	09-01-2003
			US 2001016402 A1	23-08-2001
<hr/>				
US 2003077885	A1	24-04-2003	FR 2809867 A1	07-12-2001
			EP 1285461 A1	26-02-2003
			WO 0193325 A1	06-12-2001
			JP 2003535472 T	25-11-2003
<hr/>				
US 2002025604	A1	28-02-2002	NONE	
<hr/>				
US 6593212	B1	15-07-2003	NONE	
<hr/>				
EP 0994503	A	19-04-2000	FR 2784795 A1	21-04-2000
			EP 0994503 A1	19-04-2000
			US 2002094668 A1	18-07-2002
			US 6362077 B1	26-03-2002
<hr/>				